

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the present application.

Listing of Claims:

1. (Original) A TGF- β gene expression inhibitor comprising a pyrrole-imidazole polyamide containing: an N-methylpyrrole unit (hereinafter also referred to as Py), an N-methylimidazole unit (hereinafter also referred to as Im) and a γ -aminobutyrate unit, wherein said pyrrole-imidazole polyamide can be folded into a U-shaped conformation at the γ -aminobutyrate unit in a minor groove of a double helix region (hereinafter referred to as target region) which comprises a part or all of the following base sequence from -557 to -536 (SEQ ID NO: 1) in a human transforming growth factor β 1 (hereinafter also referred to as hTGF- β 1) promoter, and a complementary strand thereof:

TAAAGGAGAGCAATTCTTACAG

wherein a Py/Im pair corresponds to a C-G base pair, an Im/Py pair corresponds to a G-C base pair, and a Py/Py pair corresponds to both an A-T base pair and a T-A base pair.

2. (Original) The TGF- β gene expression inhibitor according to claim 1, further comprising a β -alanine unit.

3. (Original) The TGF- β gene expression inhibitor according to claim 1 or 2, wherein said target region is a double helix region comprising a part or all of the following base sequence from -548 to -537 (SEQ ID NO: 2) in the hTGF- β 1 promoter, and a complementary strand thereof,

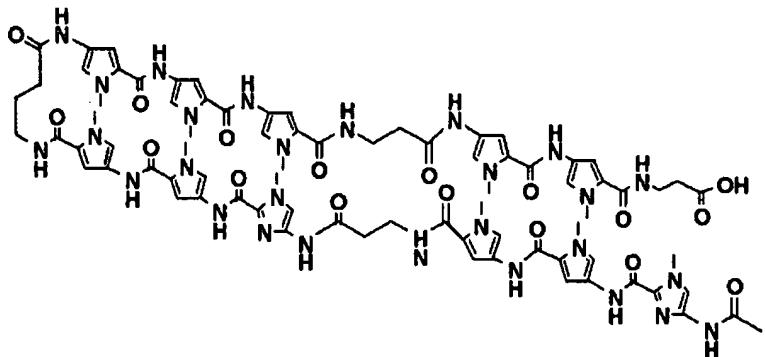
GCAATTCTTACA.

4. (Original) The TGF- β gene expression inhibitor according to claim 3, wherein said target region is a double helix region which comprises a part or all of the following base sequence from -544 to -538 (SEQ ID NO: 3) in the hTGF- β 1 promoter, and a complementary strand thereof,

TTCTTAC.

5. (Currently Amended) The TGF- β gene expression inhibitor according to claim 1, wherein said pyrrole-imidazole polyamide is represented by the following formula:

[Formula 1]



wherein the terminal carboxyl group of said pyrrole-imidazole polyamide optionally forms an amide, wherein the amide is optionally bonded to N, N-dimethylaminopropylamine, and

said pyrrole-imidazole polyamide is optionally conjugated to fluorescein-isothiocyanate.

6. (Original) The TGF- β gene expression inhibitor according to claim 5, wherein the terminal carboxyl group of said pyrrole-imidazole polyamide forms an amide.

7. (Currently Amended) The TGF- β gene expression inhibitor according to claim 6, wherein said amide is bonded to an amide formed with N, N-dimethylaminopropylamine.

8. (Currently Amended) The TGF- β gene expression inhibitor according to any one of claims 5 to 7, wherein said pyrrole-imidazole polyamide forms a conjugate with ~~FITC (fluorescein-isothiocyanate)~~ fluorescein-isothiocyanate.

9. (Currently Amended) A pyrrole-imidazole polyamide represented by the following formula:

[Formula 2]

